

A 46

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COOPERATION BRANCH

MASTER CARD

Record by J.S. Source of data Bowc Date 9/70 Map \_\_\_\_\_

State 28 County (or town) Jones 34

Latitude: 31<sup>deg</sup> 46<sup>min</sup> 54<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 91<sup>min</sup> 50<sup>sec</sup> 0<sup>19</sup> Sequential number: 1

Lat-long accuracy: 3 T. N. E. S. R. W. Sec. k. k. k. B & M

Local well number: A046A0109N13W Other number: \_\_\_\_\_

Local use: 210 Owner or name: \_\_\_\_\_

Owner or name: J C GRAVES Address: Rt 2, Taylorville

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec, (S) (T) (U) (V) (W) (X) (Y) (Z) H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) (G) (H) (I) (M) (N) (P) (R) (T) (U) (W) (X) (Z) W

DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes  no; period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 214 ft Meas. rept accuracy 3

Depth cased; (first perf.) 208 ft Casing type: Galv.; Diam. 2 in

Finish: (C) porous concrete, (F) gravel v. concrete, (G) gravel v. (perf.), (H) gravel v. (screen), (I) horiz. open gallery, end, (J) open end, (K) other S

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: 970 Pump intake setting: \_\_\_\_\_ ft

Driller: \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot., (J) submerg., (K) turb., (L) other J Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 1 Trans. or meter no. S

Descrip. MP \_\_\_\_\_ ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_

Water Level 90 ft above MP; Ft below LSD 90 Accuracy: \_\_\_\_\_

Date meas: 570 Yield: \_\_\_\_\_ gpm Method determined 7

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period: \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

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Latitude-longitude

Latitude-longitude

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 013 Section: 013

D Drainage Basin: 130 Subbasin: 26

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (G) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: system series T M aquifer, formation, group C A

Lithology: 45 Origin: 3 Aquifer Thickness: 24 ft

Length of well open to: 6 ft Depth to top of: 190 ft

MINOR AQUIFER: system series 44 45 aquifer, formation, group 46 47

Lithology: 48 49 Origin: 30 Aquifer Thickness: 19 ft

Length of well open to: 34 35 ft Depth to top of: 37 38 ft

Intervals Screened: 1/4" SS

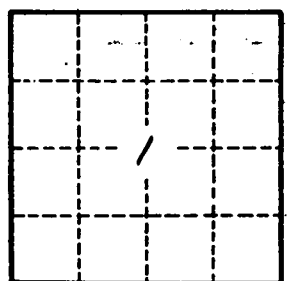
Depth to consolidated rock: 40 41 ft Source of data: 44

Depth to basement: 45 46 ft Source of data: 49

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 74 gpd/ft Coefficient Storage: 76 77

Coefficient Perm: 78 79 gpd/ft<sup>2</sup>; Spec cap: 78 79 gpm/ft; Number of geologic cards: 79



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